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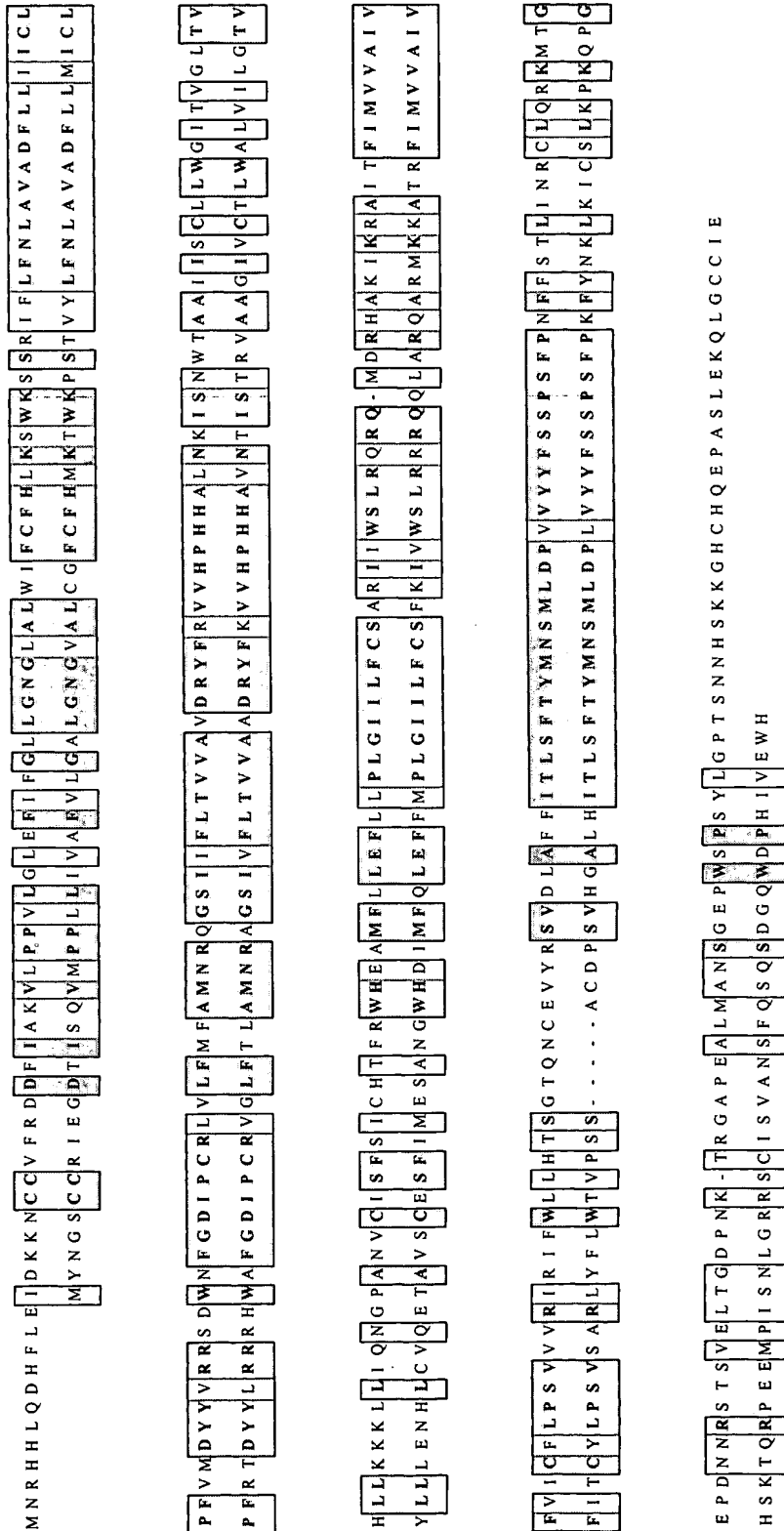
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FIGURE 1



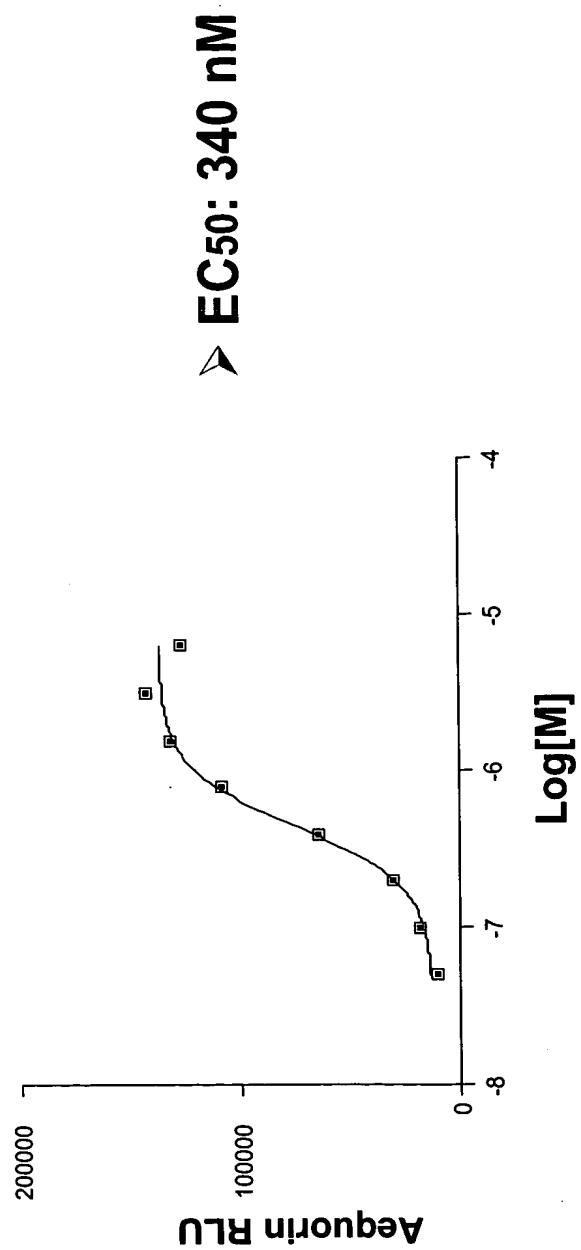
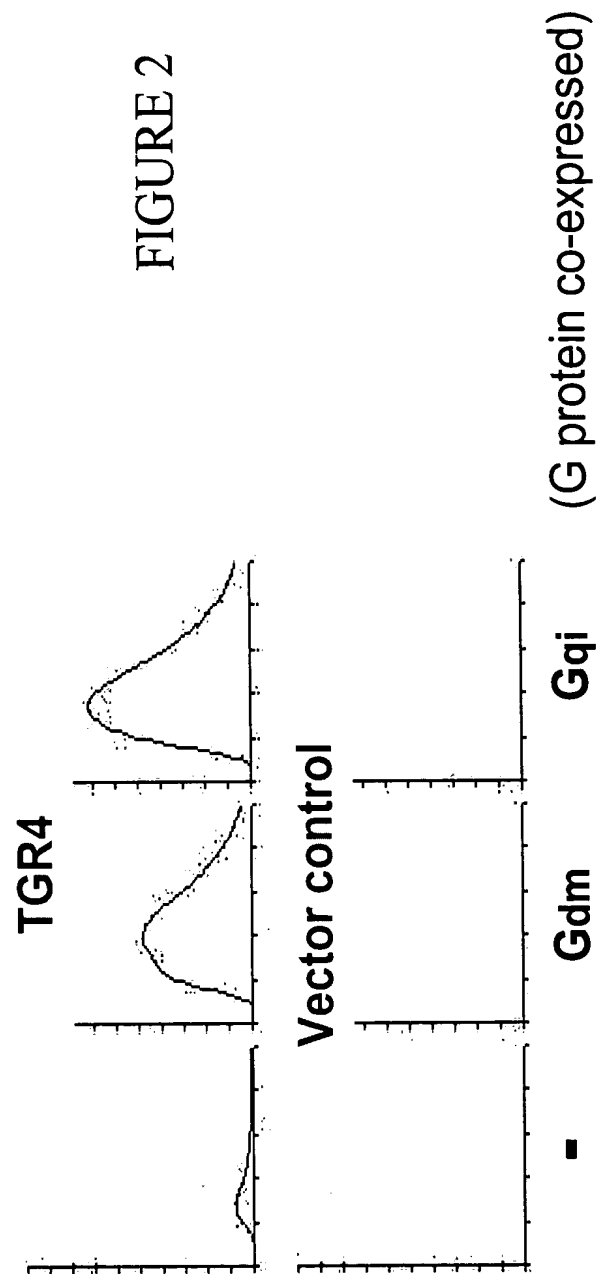
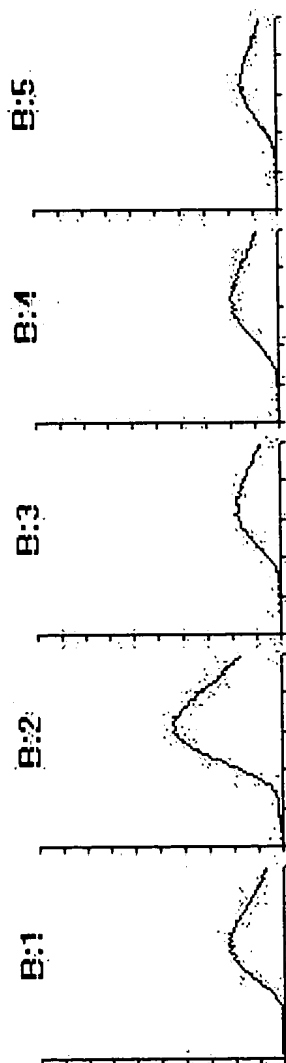


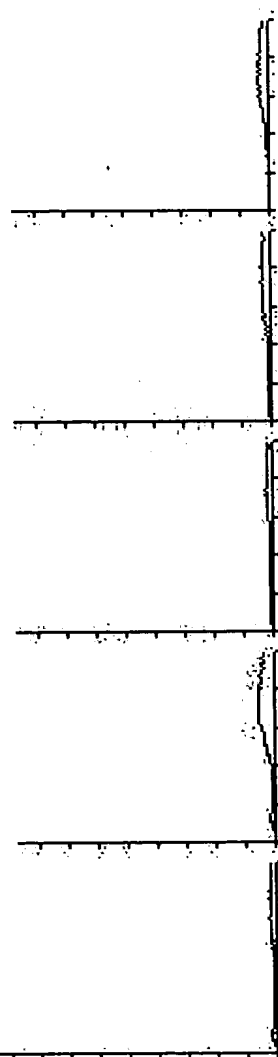
FIGURE 3

TGR183



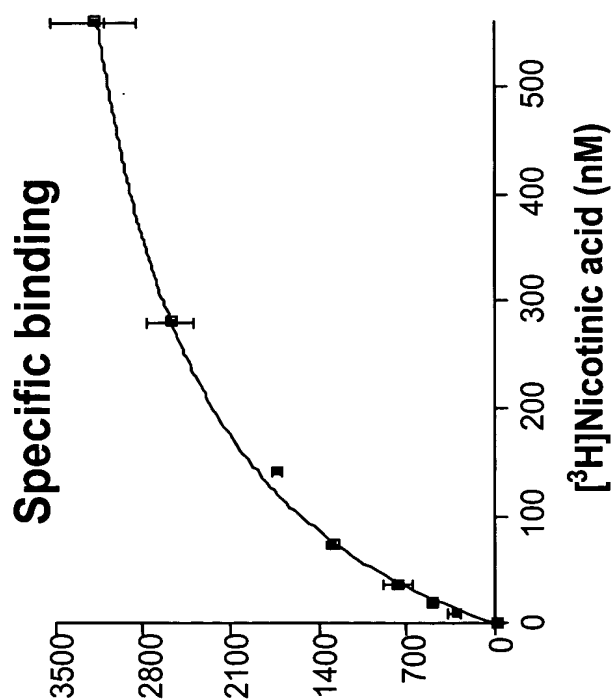
50 μ M
 Nicotinic Acid

Vector control



no Gdm Gqi9 Gqi5 Gqo5 (G protein co-expressed)

FIGURE 4



	IC ₅₀ (uM)
Pyridine 3-COOH (N.A.)	0.25
Pyridine 2-COOH	>100
Pyridine 4-COOH	>100
Nicotinamide	>100
NAAD	~10
NAADP	~10

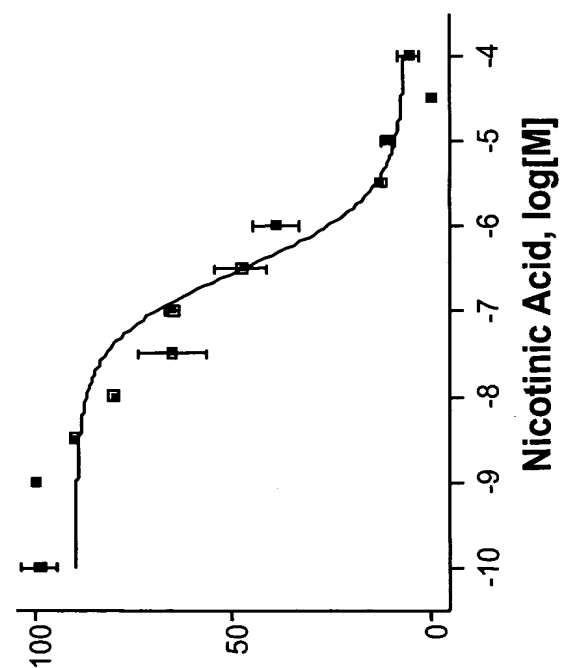
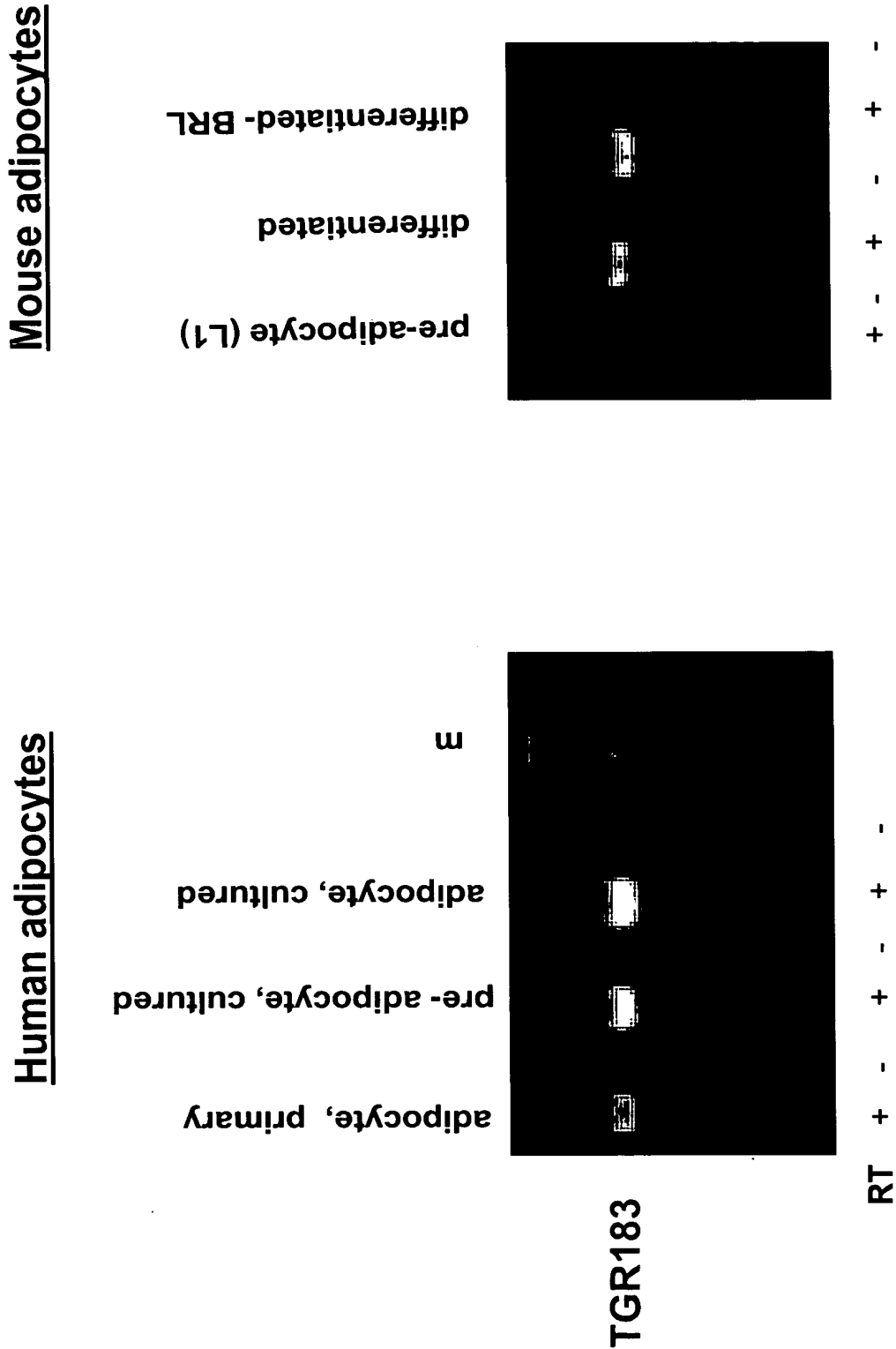
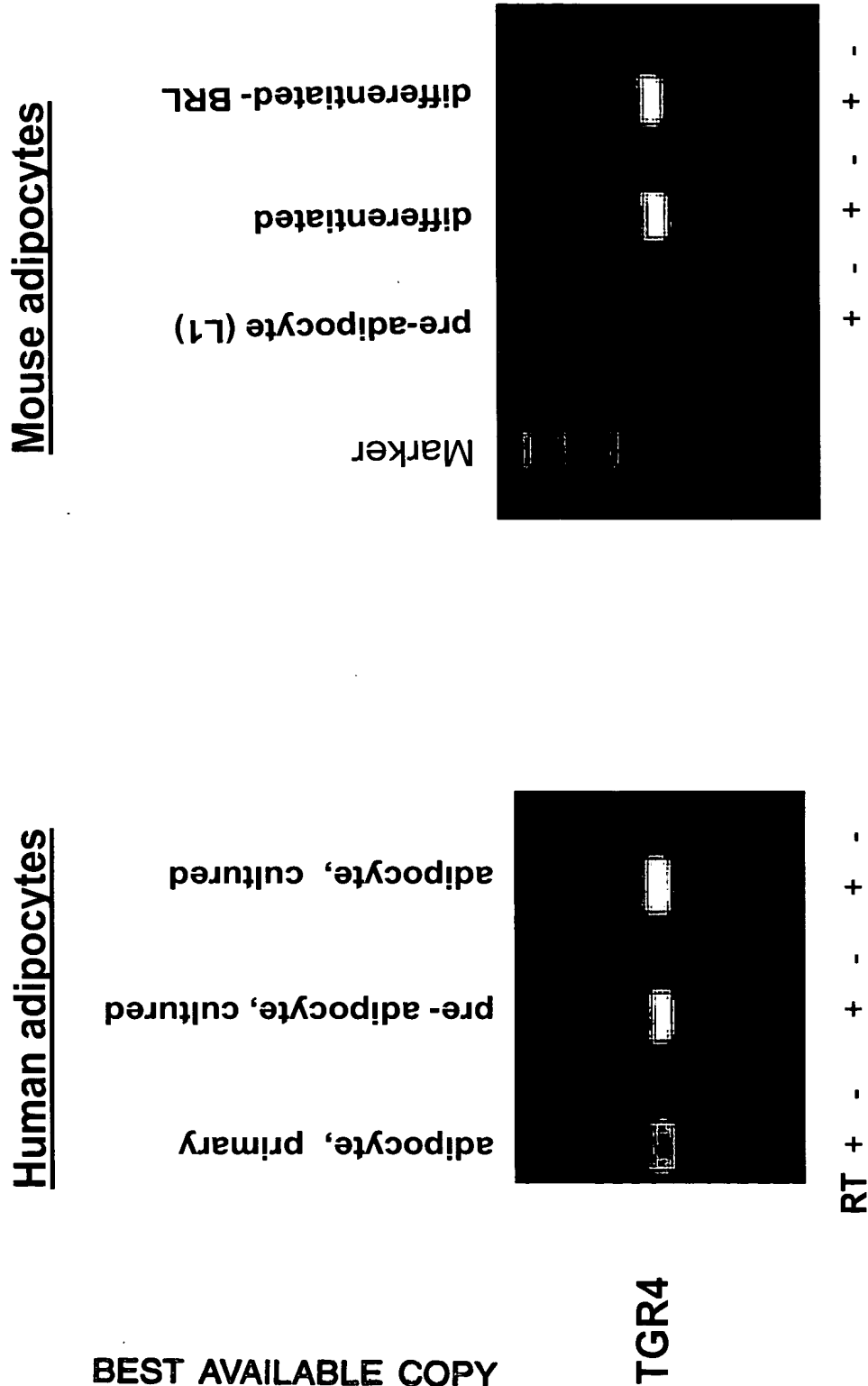


FIGURE 5



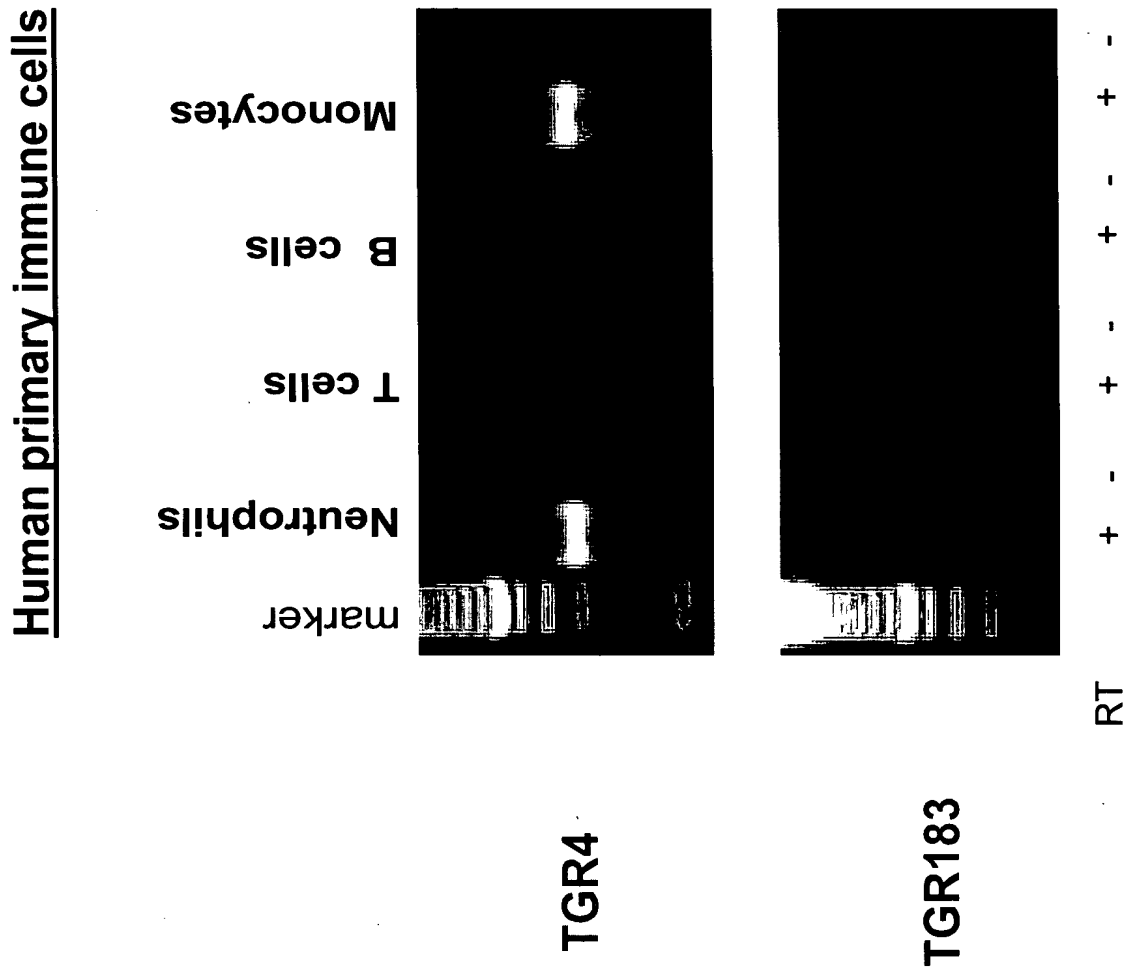
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FIGURE 6



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FIGURE 7



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Fig. 8. Differential Expression between TGR4 and TGR183

